

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Original) A cellular assay for identifying an agent that modulates T cells comprising the steps of:

- a) providing primary T cells transfected with a biological active molecule selected from the group consisting of nucleic acid, protein, peptide, polysaccharide and lipid,
- b) stimulating the transfected T cells of step a) in the absence and in the presence of a candidate compound for a sufficient period of time,
- c) detecting the amount of a cytokine produced by the T cells and/or the proliferation of the T cells and/or the amount of a reporter molecule,
- d) determining whether there is a difference in the amount of cytokine produced and/or in the amount of proliferation and/or in the amount of reporter molecule in the absence and in the presence of a candidate compound, and
- e) choosing an agent from said candidate compound as determined in step d).

Claim 2. (Original) A method according to claim 1 wherein the biological active molecule is a DNA.

Claim 3. (Original) A method according to claim 1 wherein the biological active molecule is a protein.

Claim 4. (Currently amended) A method according to ~~any one of~~ claims 1 to 3 wherein transfection in step a) is accomplished by use of a non-viral transfection method.

Claim 5. (Original) A kit for identifying an agent that modulates T cell comprising as components:

- a) primary T cells transfected with a biological active molecule selected from the group consisting of nucleic acid, protein, peptide, polysaccharide and lipid,
- b) stimulation means, and
- c) detection means for cytokines.

Claim 6. (Original) The use of transfected primary T cells in a cellular screening assay.

Claim 7. (Original) The use of transfected primary T cells for biological profiling of compounds.

Claim 8. (Original) The use of transfected primary T cells in a high throughput screening assay.